

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-039-21774

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK
 b. TYPE OF WELL
 OIL WELL GAS WELL OTHER
 SINGLE ZONE MULTIPLE ZONE

5. LEASE DESIGNATION AND SERIAL NO.

Contract No. 103

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jicarilla #1

9. WELL NO.

10

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 17, T-26N, R-4W
N.M.S.M.

12. COUNTY OR PARISH 13. STATE

Rio Arriba New Mexico

2. NAME OF OPERATOR

Supram Energy Corporation

3. ADDRESS OF OPERATOR

P. O. Box 808, Farmington, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface 930 feet from the North line & 840 feet from the West line.
 At proposed prod. zone Same as above.

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

15 Miles Northwest of Ojito, New Mexico

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)

930 feet
840 feet

16. NO. OF ACRES IN LEASE

2560

17. NO. OF ACRES ASSIGNED TO THIS WELL

1/2 320 Acres

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

8840 ft.

19. PROPOSED DEPTH

8000 ft.

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

6775 ft. Gr.

22. APPROX. DATE WORK WILL START*

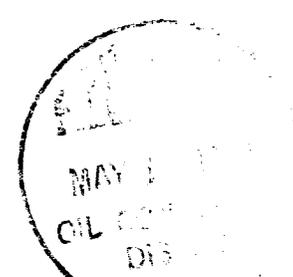
July 10, 1978

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13-3/8"	10-3/4"	32.75	250 Ft.	175 cu. ft.
9-7/8"	7-5/8"	26.40	3600 Ft.	1160 cu. ft.
6-3/4"	5-1/2"	15.50	8000 Ft.	660 cu. ft.

It is proposed to drill this well to be completed in the Dakota formation. After the well is drilled, pipe will be run and cemented. The casing will then be perforated and sand water froced and tubing will be run and set at approximately 7800 feet.

gas is drilled



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED *Walter D. Motto* TITLE Area Superintendent DATE April 28, 1978

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY *ok Frank* TITLE _____ DATE MAY 10 1978

RECEIVED

U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

NEW MEXICO OIL CONSERVATION COMMISSION
 WELL LOCATION AND ACREAGE DEDICATION FORM

All distances must be from the outer boundaries of the Section.

Lease No. 10

Section 17 Township 26 NORTH Range 4 WEST County RIO ARriba

Well Name: SUPRON ENERGY CORPORATION

Well Location: 930 feet from the NORTH line and 840 feet from the WEST line

Section: 17 Township: 26 NORTH Range: 4 WEST County: RIO ARriba

Pool: DAKOTA BASIN DAKOTA

Drainage Area: W 1/2 320

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plot below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?
 - Yes No If answer is "yes," type of consolidation _____
 - If answer is "no," list the owners and tract descriptions which have actually consolidated. (Use reverse side of this form if necessary) _____
- If the well will be assigned to the well until all interests have been consolidated (by communitization, unitization, force-pooling or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission. _____

CERTIFICATION

I hereby certify that the information set forth herein is true and complete to the best of my knowledge and belief.

Rudy D. Motto
 Name Rudy D. Motto

~~XXXXXXXXXXXXXXXXXX~~
 Position

Area Superintendent
 Company

Supron Energy Corporation
 Date

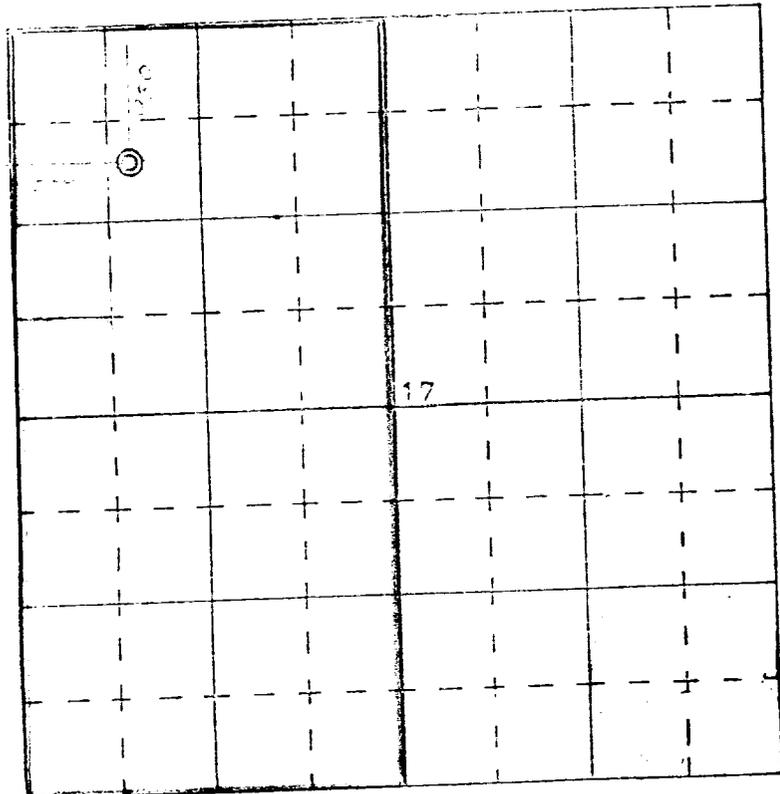
April 28, 1978

I hereby certify that the well location shown on this plot was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

20 April, 1978
 Date Surveyed

James P. Leese
 Registered Professional Engineer
 and/or Land Surveyor

1463
 Certificate No.



SCALE—4 INCHES EQUALS 1 MILE

May 9, 1978

United States Geological Survey
P. O. Box 1809
Durango, Colorado 81301

Attention: Mr. Jerry Long

Dear Sir:

Supron Energy Corporation proposes to drill the Jicarilla "H" No. 10 well located 230 feet from the North line and 840 feet from the West line of Section 17, Township 26 North, Range 4 West, N.M.P.M., Rio Arriba County, New Mexico.

The following attachments are included with this application:

1. Map of existing roads.
2. Planned access road which is approximately 500 feet long.
3. Location of existing wells.
4. Lateral roads to well locations.
5. Location of surface equipment, if required.
6. Drilling and Completion water will be obtained from the Supron Energy Corporation water well located in the SW 1/4, Section 23, T-26N, R-4W, N.M.P.M., Rio Arriba County, New Mexico.
7. Waste will be disposed of by being placed in the reserve pit and buried upon completion of the well.
8. There will be no camp at or near the well site.
9. There will be no air strip.
10. A plat is attached showing the location of the rig, mud pits, reserve pit, burn pit, etc.
11. A letter of Certification is attached and the operators representative is Rudy D. Motto, Area Superintendent, P. O. Box 808, Farmington, New Mexico 87401, Phone (505) 325-3587.
12. When the reserve pit is built it will be fenced on three sides. After the well is drilled the reserve pit will be fenced off until the pit dries then the pit will be filled and restored to its natural state.
13. The soil is sandy loam with the principal vegetation being grass.

JICARILLA "H" NO. 10

SUPPLEMENT TO FORM 9-3310

1. The Geologic name of the surface formation is "Wasatch".
2. The estimated tops of important Geologic markers are:
 - A. Base of Ojo Alamo 3000 feet
 - B. Fruitland 3270 feet
 - C. Pictured Cliffs 3320 feet
 - D. Cliff House 4985 feet
 - E. Point Lookout 5485 feet
 - F. Dakota 7450 feet
3. The estimated depths at which anticipated water, oil, gas or other mineral bearing formations are expected to be encountered are:
 - A. Base of Ojo Alamo 3000 feet - water
 - B. Fruitland 3270 feet - water
 - C. Pictured Cliffs 3320 feet - gas
 - D. Cliff House 4985 feet - gas
 - E. Point Lookout 5485 feet - gas
 - F. Dakota 7450 feet - gas
4. The casing program is shown on Form 9-3310 and all casing is new.
5. The lessee's pressure control equipment schematics are attached along with minimum specifications, testing procedures and frequencies.
6. The type, estimated volumes and characteristics of the circulating mediums are as follows:
 - A. From 0 feet to 250 feet - Natural Mud
 - B. From 250 feet to 3600 feet - Permaloid non dispersed mud containing 167 sx Gel, 67 sx Permaloid and 10 sx C.M.C.
 - C. From 3600 feet to 7500 feet - Gas
7. The auxiliary equipment to be used will be floats at the bit and a sub on the floor with a full opening valve to be stabbed into the drill pipe when the Kelly is not in the string.
8. This well is in an area which is almost completely developed, therefore we will not have a testing and coring program. The logging program is as follows:
 - A. E.S. Induction
 - B. Gamma Ray Density
 - C. Gamma Ray Correlation
 - D. Cement Bond or Temperature Log
9. There are no abnormal pressures, temperatures, or hydrogen sulfide problems expected in this highly developed area.
10. The anticipated starting date of this well is August 10, 1978